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ANALYTE CONCENTRATION MEASUREMENT USING A HOLLOW FRUSTUM

Abstract of the Disclosure

A method for measuring the concentration of an analyte in a sample of a biological fluid involves a hollow, frustum-shaped disposable device. The smaller end of the frustum has a porous membrane, to which the sample is applied. Preferably, a reagent in the membrane reacts with the analyte to cause a color change. The device is mounted on a meter, which measures the color change and computes from the change the analyte concentration in the sample. Preferably, the devices are released from the meter without touching them, to protect against contamination.

Figure 1

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